

# Work Order ID 77442

December-07-11 11:04:13 AM

**\*77442\***

Page 1

Item ID: D3507-1-BENT

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Skidtube Assembly EC135

Start Date: 07/12/2011 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 12/12/2011 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals: Process Plan: M.C.J

Date: 11/12/07

Tooling:

Date:

Run Start **\*NR1\***

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D3507	Rev C								

120

0.00

**\*120\***

BENDING MACHINE - SKIDTUBES

CNC Bend 1

Memo

0.00

CNC Delta 100 Bender

1- Bend tube as per program D3507 on CNC Bender FOLIO 6 and Dwg D3507,  
use DT9632 bending aide  
2- Cut FWD END of tube as per dwg D3507

OK 12/02/22

140

0.00

**\*140\***

QC5- Inspect part completeness to step on W/O

QC

Memo

0.00

Quality Control

DP 12-2-22

300

0.00

**\*300\***

Identify as per dwg & Stock Location: LG

Packaging

Packaging

Memo

0.00

Packaging

OK 12/02/22

(2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 77442**

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**\*77442\***

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Item ID: D3507-1-BENT

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Skidtube Assembly EC135

Start Date: 07/12/2011 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 12/12/2011 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

310

QC21- Final Inspection - Work Order Release

0.00

**\*310\***

QC

Memo

0.00

Quality Control

*[Signature]* M.L.S 12/02/23

*112-02-23*  
*6*

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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# Picklist Print

December-07-11 11:04:18 AM

Page 1

Work Order ID: 77442

**\*77442\***

Parent Item: D3507-1-BENT

**\*D3507-1-BFNT\***

Parent Item Name: Skidtube Assembly EC135

Start Date: 07/12/2011

Required Date: 12/12/2011

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP rev A 10.09.17 new issue EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2962-150		Manufactured	No			100	Each	54.0000	1	2			
<b>*D2962-150*</b>									**				
3.540 Outer Tube, Extrud													

Location

Loc Qty

Loc Code

HALL

54

59934

54

②

11-12-7

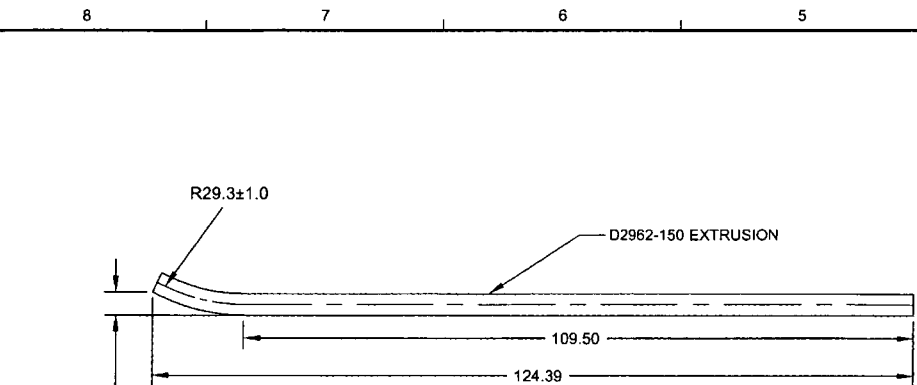
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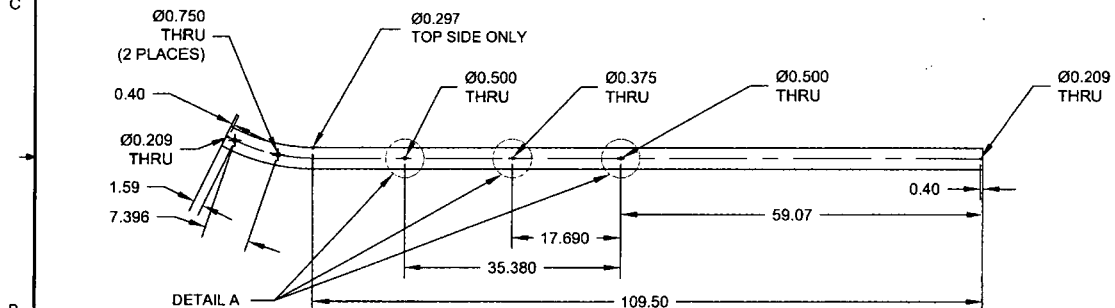
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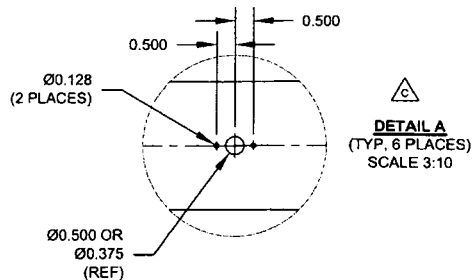
**NOTE:** Date & initial all entries



**D3507-1 BENDING/CUTTING DETAIL**



**D3507-1 DRILLING DETAIL**



SHOP  
RETURN  
ENGINEER  
UNCONTROLLED  
SUBJECT TO APPROVAL  
WITHIN 10 WORKING DAYS  
NO. 77442  
MLJ  
11/12/07

Qty	Part Number	Description
X	D3507-041	SKIDTUBE ASSEMBLY
1	D2962-150	EXTRUSION
1	D2965	CAP
1	D2965-3	CAP
4	D3492-041	PLUG ASSEMBLY
4	D3492-043	PLUG ASSEMBLY
2	D3492-047	PLUG ASSEMBLY
2	D3504-1	CROSS BOLT SPACER
1	D3504-3	CROSS BOLT SPACER
2	D3504-5	CROSS BOLT SPACER
1	D3505-1	WEB
4	D3506-1	DOUBLER
2	D3506-3	DOUBLER
1	D3508-1	WEARPLATE
1	D3508-3	WEARPLATE
1	D3508-5	WEARPLATE
1	D3508-7	WEARPLATE
1	D3558-1	GASKET
1	D3558-3	GASKET
1	D3558-5	GASKET
1	D3558-7	GASKET
38	AELS-1032-130	INSERT
1	AELS-1032-225	INSERT
31	AN3C4A	BOLT
2	AN3C5A	BOLT
2	AN526C1032-10	SCREW
33	AN960C10L	WASHER
12	MS20601AD4W3	RIVET

**GENERAL NOTES:**

- 1) FINISH:  
CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 PRIOR TO INSERTING D3505-1 WEB. POWDER COAT ASSEMBLY GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3. ANTI-SKID PAINT AS INDICATED TO 1.00 ABOVE CENTER LINE PER DART QSI 005 4.4
- 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) DIMENSIONS: INCHES UNLESS OTHERWISE NOTED
- 4) WELDING TO BE DONE PER DART QSI 004
- 5) INSERT D3505-1 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241/-291 ADHESIVE PER DART QSI 015 AFTER BENDING
- 6) USE DART DRILL TEMPLATE DT8868 TO LOCATE AND DRILL Ø0.297 HOLES (38 PLACES) FOR WEARSHOE INSERTS. INSTALL AELS-1032-130 PER SECTION C-C (38 PLACES) AFTER FINISH. SEAL WEARPLATE BOLTS WITH SIKAFLEX-241/-291.
- 7) DO NOT INSTALL AN3C4A BOLTS AND AN960C10L WASHERS IN INDICATED LOCATIONS

C	ADD D3504-5, FOR SKID GEAR DEFLECTOR; CHANGE FWD CAP BOLT TO AN526C1032-10 SCREW	DC	07.09.19
B	ADD GASKET, CHANGE HARDWARE MAT'L	PH	06.11.01
A	NEW ISSUE	PH	06.04.21
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	<b>DART AEROSPACE USA, INC</b> PORT HADLOCK, WA	
DRAWN	JIC		
CHECKED	BE	DRAWING NO.	REV. C
MFG. APPR.	BE	D3507	SHEET 1 OF 2
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	EC 135 SKIDTUBE	NTS
DATE	07.09.19	COPYRIGHT © 2006 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

RELEASED  
07.11.16

W/O:		WORK ORDER CHANGES					
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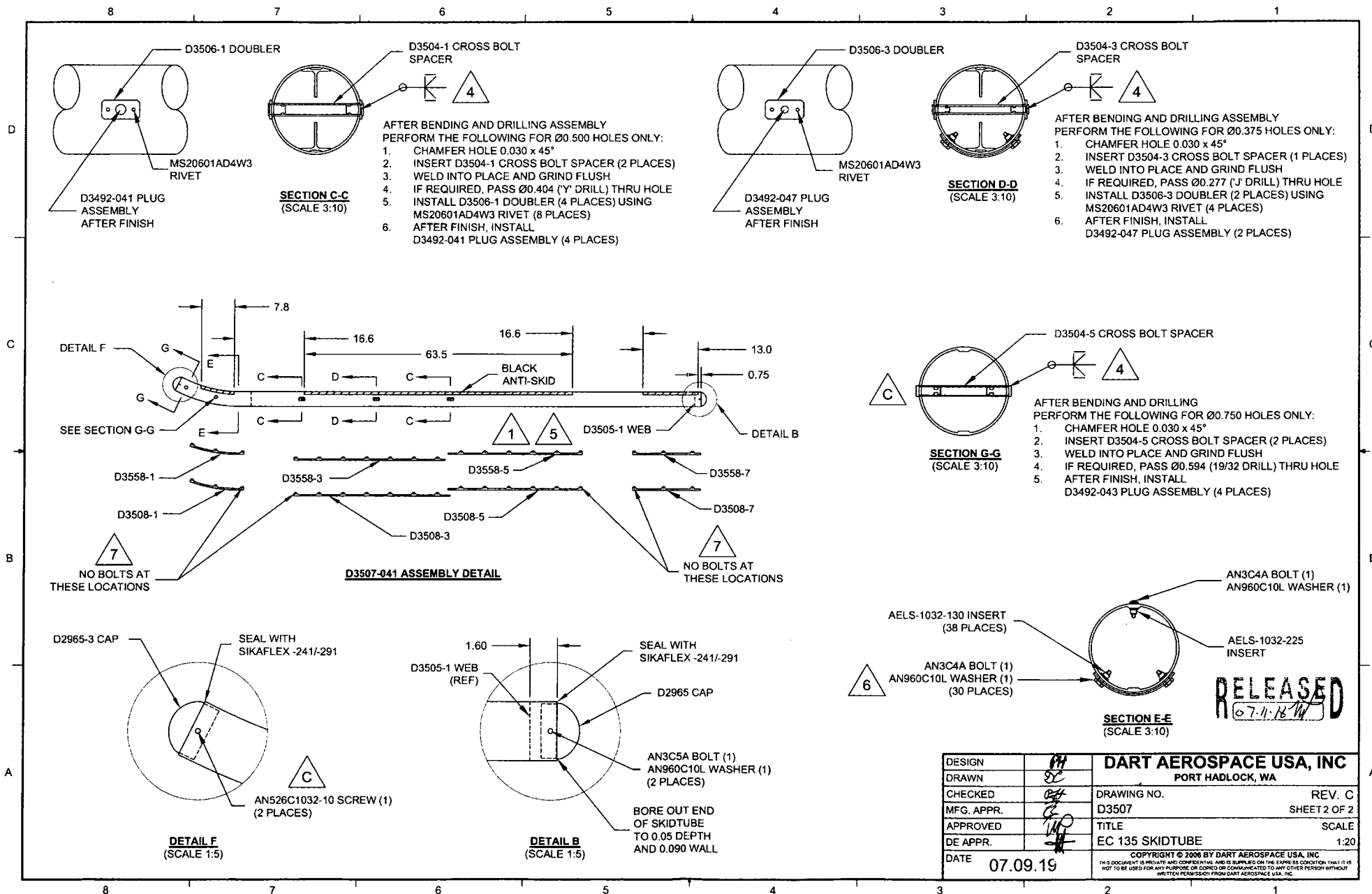
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